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Approved for use through 09/30/2000. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. MSC-23178-1 First Inventor or Application Identifier William C. Schneider Deceleration-Limiing Roadway Barrier Title ET845030715US (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b). Express Mai Label No.

	PPLICATION ELEMENTS apter 600 concerning utility patent application	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231				
2. X Spe	ee Transmittal Form (e.g., PTO/SB/17) brint an original and a duplicate for fee processing) extincation [Total Pages 20]	Microfiche Computer Program (Appendix) Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)				
- De	escriptive title of the Invention	a. Computer Readable Copy				
	ross References to Related Applications tatement Regarding Fed sponsored R & D	b. Paper Copy (identical to computer copy)				
	eference to Microfiche Appendix	C. Statement verifying identity of above copies				
- Ba	ackground of the Invention	ACCOMPANYING APPLICATION PARTS				
-Br	ief Summary of the Invention	7. Assignment Papers (cover sheet & document(s))				
	rief Description of the Drawings (if filed)	37 C.F.R.§3.73(b) Statement Power of				
	etailed Description	8. (when there is an assignee) Attorney				
ı	laim(s)	9. English Translation Document (if applicable)				
l —— '	ostract of the Disclosure awing(s) (35 U.S.C. 113) [Total Sheets 10]	10. X Information Disclosure X Copies of IDS Statement (IDS)/PTO-1 449 Citations				
4. Oath or De	claration [Total Pages 2]	11. Preliminary Amendment				
a X	Newly executed (original or copy)	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
b. Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) 13. Statement(s) Status still proper and desired						
	DELETION OF INVENTOR(S) Signed statement attached deleting	Certified Copy of Priority Document(s)				
	inventor(s) named in the prior application,	(ir foreign priority is claimed)				
I'NOTE FOR IT	see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). EMS1 & 13: NORDER TO BE ENTITLED TO PAYSMALL ENTITY	15. X Other. Letter containing the certificate of mailing consisting of 1 page and				
FEES, A SMAL	LEN77TYSTATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).	return postcard				
16. If a CON	TINUING APPLICATION, check appropriate box, and supp.	ly the requisite information below and in a preliminary amendment.				
Ca	ontinuation Divisional Continuation-in-part (C					
Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied						
under Box 4b,	is considered a part of the disclosure of the accompanying	g continuation or divisional application and Is hereby incorporated by				
reference. The	e incorporation <u>can only</u> be relied upon when a portion has	been inadvertently omitted from the submitted application parts.				
	17 CORRIENT	101100000000000000000000000000000000000				
Custom	er Number or Bar Code Label	or Correspondence address below				
Name	(Insert Customer 20 Ar Attact) bar code label here) NASA Johnson Space Center NASA Johnson Space Center					
7101776	Attn: James M. Cate, Mail Code HA					
Address	2101 NASA Road One					
/10m/000	Houston, Texas 77058					
City	Houston State	Texas Zip Code 77058				
Country	USA Telephone	281-483-1001 Fax 281-244-8452				
Name (Pn	nt/Type) James M. Cate	Registration No. (Attorney/Agent) 25,181				
	James Mato	Date 12-4-2001				

Signature

Burden Hour Statement: This form is estimated to take 0 2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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Complete if Known

Processing fee under 37 CFR 1.17(q)

Recording each patent assignment per property (times number of properties)

Filing a submission after final rejection (37 CFR § 1.129(a))

Request for Continued Examination (RCE)

SUBTOTAL (3)

(\$)

For each additional invention to be examined (37 CFR § 1.129(b))

Request for expedited examination of a design application

Submission of Information Disclosure Stmt

Large Entity |

18

Fee Fee Code (\$)

102 84

104 280

109 84

110 18 Small Entity

Code (\$)

203 9

202 42

204 140

209 42

210

Fee Description

Claims in excess of 20

over original patent

SUBTOTAL (2)

Independent claims in excess of 3

** Reissue independent claims

and over original patent

** Reissue claims in excess of 20

(\$) 224.00

Multiple dependent claim, if not paid

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		KANS		<u> </u>	Applic	catio	n Num	ber		
for FY 2002			Filing Date)		12/04/01 William C. Schneider		
			ı	First Named Inventor		entor				
Patent fees are subject to annual revision.				Examiner Name		orito.				
Applicant claims small entity status. See 37 CFR 1.27			- 1							
				Group Art Unit						
TOTAL AN	MOUNT OF PA	PAYMENT (\$) 964.00 Attorney Docket No. MSC-23178-1								
METHOD OF PAYMENT (check all that apply)							FI	E CA	LCULATION (continued)	
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	Space	Adminis	tration	l				cover s	ineet	
The Commissioner is authorized to: (check all that apply) Charge fee(s) indicated below Charge any additional fee(s) during the pendency of this application Charge fee(s) indicated below, except for the filling fee			139	130	139	130	Non-Er	nglish specification		
			147	2,520	147	2,520	For file	ng a request for ex parte reexamination		
			112	920*	112	920*		sting publication of SIR prior to ner action		
to the above identified deposit account.			113	1,840*	113	1,840*		sting publication of SIR after		
	FEE C	ALCULATION	N	l	Examiner action					
1. BASIC F	ILING FEE			115	110	215	55		sion for reply within first month ion for reply within second month	
	Small Entity			116	400	216	200			
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Descriptio	Fee Paid	117		217	460		ion for reply within third month	
101 740	201 370	Utility filing fee	740.00	l	1,440	218	720	Extens	ion for reply within fourth month	
106 330	206 165	Design filing fe		128	1,960			Extens	ion for reply within fifth month	
107 510	207 255	Plant filing fee		119	320	219	160	Notice	of Appeal	
108 740	208 370	Reissue filing f	fee	120	320	220	160	Filing a	a brief in support of an appeal	
114 160	214 80	Provisional filir	ng fee	121	280	221	140	•	st for oral hearing	
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SUBTOTAL (1) (\$) 740.00			140	110	240	55	Petitio	n to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			•	1,280	241	640		n to revive - unintentional		
		Extra Claims	below Fee Paid		1,280	242	640	-	ssue fee (or reissue)	
Total Claims Independent	28 -20*			143		243	230		n issue fee	
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**or number previ	ously paid, if greater, For Reissues, see above	r Reissues, see above *Reduced by Basic Filing Fee Paid			SUBIDIAL (3) (Ψ)		
SUBMITTED BY				Complete (if	applicable)		
Name (Print/Type)	James M. Cate	Registration No. (Attorney/Agent)	25,181	Telephone	281-483-1001		
Signature	German Cete			Date	12-4-2001		

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Other fee (specify)

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NASA CASE NO. MSC-23178-1

Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Daniel S. Goldin) Group Art
First Named Inventor:	William C. Schneider) Unit:)
Serial No.:))
Filed:	December 4, 2001)
For:	Deceleration-Limiting Roadway Barrier)
)

Letter

Commissioner for Patents U.S. Patent and Trademark Office P.O. Box 2327 Arlington, VA 22202

Sir:

The enclosed application is being filed in accordance with Rules 1.10 and 1.53(b) in order to obtain a filing date of December 4, 2001. The application is being sent by Express Mail "Post Office to Addressee" under Certificate ET845030715US.

Respectfully submitted,

James M. Cate, Reg. No. 25,181

Attorney for Applicant

Houston, Texas 77058

Telephone: 281-483-1001 or 281-483-4871

emerly lato

Datafax: 281-244-8452

I hereby certify that the attached application "Deceleration-Limiting Roadway Barrier," is being deposited with the United States Postal Service on December 4, 2001, as Express Mail "Post Office to Addressee" under Certificate No. ET845030715US in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231

James/M. Cate